

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): An application management system comprising:

a plurality of controlled devices; and

an application server performing the installation and management of applications for the plurality of controlled devices by using a framework capable of providing integrated support to a variety of home network middleware,

wherein the application server controls the plurality of controlled devices in response to the installed applications,

wherein each of the controlled devices includes positional information on an application file to be installed, and the application file is stored in a file server on the Internet.
2. (previously presented): The application management system as claimed in claim 1, wherein the home network middleware is selected from a group consisting of HAVi and HWW.
3. (original): The application management system as claimed in claim 1, wherein the framework is an OSGi framework.

4. (original): The application management system as claimed in claim 1, wherein each of the controlled devices includes a home network middleware module for communicating with the application server.

5. (canceled).

6. (currently amended): The application management system as claimed in claim 1~~claim 5~~, wherein the application server extracts the positional information on the application file from the plurality of controlled devices and downloads the application file from the file server to install a relevant application in response to the extracted positional information.

7. (currently amended): The application management system as claimed in claim 1~~claim 5~~, wherein the application server includes a home network middleware module for communicating with the plurality of controlled devices and extracting the positional information on the application file from the plurality of controlled devices, an application loader module for downloading the application file from the file server in accordance with the extracted positional information on the application file, and an application management module for controlling operations of the home network middleware module and the application loader module.

8. (original): The application management system as claimed in claim 7, wherein the home network middleware module and the application loader module are bundled into the framework.

9. (currently amended): An application management system comprising a plurality of controlled devices and an application server, wherein:

a framework capable of providing integrated support to a variety of home network middleware is loaded on the application server; and

one of the plurality of controlled devices controls the application server and performs installation and management of applications for the plurality of controlled devices,

wherein the one of the plurality of controlled devices controls the plurality of controlled devices in response to the installed applications,

wherein each of the plurality of controlled devices includes a home network middleware module for communicating with the application server, and an application management module for installing a new application or managing an already installed application by controlling the application server.

10. (previously presented): The application management system as claimed in claim 9, wherein the home network middleware is selected from a group consisting of HAVi and HWW.

11. (original): The application management system as claimed in claim 9, wherein the framework is an OSGi framework.

12. (original): The application management system as claimed in claim 9, wherein an application file is stored in a file server on the Internet.

13. (previously presented): The application management system as claimed in claim 12, wherein the application server includes a home network middleware module for communicating with the plurality of controlled devices, an application loader module for downloading the application files from the file server under the control of the one of the plurality of controlled devices, and an application platform service module for controlling operations of the home network middleware module and the application loader module under the control of the one of the plurality of controlled devices.

14. (original): The application management system as claimed in claim 13, wherein the home network middleware module and the application loader module of the application server are bundled into the framework.

15. (canceled).

16. (currently amended): The application management system as claimed in claim 9~~claim 15~~, wherein the application management module determines a location where a new application file is downloaded and then requests the application server to install the new application.

17. (currently amended): A method for managing an application using an application management system including a plurality of controlled devices and an application server, the method comprising:

(1) detecting connection of the plurality of controlled devices with a home network by an application server loaded with a framework capable of providing integrated support to a variety of home network middleware; and

(2) installing the applications and controlling the plurality of controlled devices in response to the installed applications by the application server,

wherein each of the plurality of controlled devices includes positional information on the application file, and the application file is stored in a file server on the Internet.

18. (previously presented): The method as claimed in claim 17, wherein the home network middleware is selected from a group consisting of HAVi and HWW.

19. (original): The method as claimed in claim 17, wherein the framework is an OSGi framework.

20. (original): The method as claimed in claim 17, wherein the framework provides Internet access services and home network middleware services.

21. (currently amended): The method as claimed in claim 17, wherein step (1) comprises:
extracting the positional information on an application file necessary for controlling the plurality of controlled devices, by the application server;

downloading the application file from the file server in accordance with the extracted positional information by the application server; and

executing the downloaded application file and installing a relevant application by the application server.

22. (canceled).

23. (original): The method as claimed in claim 17, further comprising an application management step of executing, stopping, deleting, and updating the application installed in the application server.

AMENDMENT UNDER 37 C.F.R. § 1.114(c)
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24. - 30. (canceled).